

Spill Summary Report for NRC Report #1144618

Report Date: 9/14/2022

Report Time: 4:10 PM EDT

Region II Hotline Log Entry Information

Data ID: 1938843
Date Of Report: 4/6/2016 **NRC #:** 1144618 **State #:** 160406125729; NYSDEC # 1600224 **ERNS #:**
Material Type: Oil **Receiver:** Tarwacki
Material / Amount: OIL, MISC: MINERAL (DIELECTRIC) (4000 GALLON(S));
Location: Street:
City: IRVINGTON
County: ESSEX
State: NJ
Latitude:
Longitude:
Source of Pollution: PSE & G
Water Body: STORM DRAIN
State Or EPA Responded: DEP and local PD on site. Contractor hired, cleanup underway.
Initial EPA Action: OSC deployed to site
Status: 2 - Closed
URL:

Associated Action Reports

DataID: 0924357

Date: 4/6/2016	Time: 18:35	
Duty Officer/Responder Name: Harrington	NRC Report #: 1144618	Hotline Log DataID: 1938843
Action Information		
<p>Description: RPB is responding to a release of dielectric mineral oil in Irvington, Essex County, NJ that could impact the Arthur Kill. At approximately 1230 hours today (Wednesday 4/6), a water main broke, causing damage to an electrical cable containing the dielectric mineral oil. A release of approximately 300 gallons of mineral oil mixed with 4,000 gallons of water resulted, spilling onto the street and into a storm drain. The storm drain leads to the Elizabeth River and in turn to the Arthur Kill, and a sheen is now present on the river stretching at least half a mile to Union, NJ.</p> <p>NJDEP and local PD personnel are on-scene, and Coast Guard personnel may be en route although the release falls within EPA jurisdiction. A cleanup contractor has been hired, but the release has not been secured and it is ongoing. OSC Jimenez is en route to the scene. OSCs Harrington and Dâ€™Onofrio are on after hours hotline and response duties tonight, respectively. An update will be provided when more information is received.</p> <p>4/5/16 1830 hrs update:</p> <p>EPA (Jimenez), Union County, and PSE&G on scene.</p> <p>RP contractors continuing to contain and remove dielectric oil at the site of the water main break and at two points on the Elizabeth River. River currents are making containment and collection difficult. Birds and deer have been observed in the river.</p> <p>The water main remains in operation to prevent potential infiltration of dielectric oil into the water man, however, the water cannot be repaired until it can be shut off; a plan to repair the water main is being prepared.</p> <p>EPA will remain on scene this evening, and will notify USCG if the spill impacts the Arthur Kill.</p>		
Follup-Up:		
Person Contacted		
<p>Name: Jimenez Organization: R2 RPB Phone #:</p>		

DataID: 0924635

Date: 4/6/2016	Time: 18:35	
Duty Officer/Responder Name: Harrington	NRC Report #: 1144618	Hotline Log DataID: 1938843
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4/5/16 1830 hrs update:

EPA (Jimenez), Union County, and PSE&G on scene.

RP contractors continuing to contain and remove dielectric oil at the site of the water main break and at two points on the Elizabeth River. River currents are making containment and collection difficult. Birds and deer have been observed in the river.

The water main remains in operation to prevent potential infiltration of dielectric oil into the water man, however, the water cannot be repaired until it can be shut off; a plan to repair the water main is being prepared.

EPA will remain on scene this evening, and will notify USCG if the spill impacts the Arthur Kill.

Follup-Up:

Person Contacted

Name: Jimmenez

Organization: R2 RPB

Phone #:

NRC Spill Report

NATIONAL RESPONSE CENTER 1-800-424-8802

GOVERNMENT USE ONLYGOVERNMENT USE ONLY***

Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1144618

INCIDENT DESCRIPTION

*Report taken by: CIV BRANDON WEATHERLY at 14:04 on 06-APR-16

Incident Type: PIPELINE

Incident Cause: OTHER

Affected Area: STORM DRAIN

Incident was discovered on 06-APR-16 at 12:30 local incident time.

Affected Medium: WATER /STORM DRAIN, STREET, SUBSURFACE, & ELIZABETH RIVER

REPORTING PARTY

Name: ED TWILLEY

Organization: PSE & G

Address: 4000 HADLEY RD

SOUTH PLAINFIELD, NJ

Email Address: edward.twilley@pseg.com

PRIMARY Phone: (862)2335651

Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name: ED TWILLEY

Organization: PSE & G

Address: 4000 HADLEY RD

SOUTH PLAINFIELD, NJ

PRIMARY Phone: (862)2335651

Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

132 PAINE AVE. County: ESSEX

City: IRVINGTON State: NJ

RELEASED MATERIAL(S)

CHRIS Code: OMN Official Material Name: OIL, MISC: MINERAL

Also Known As: OIL, MISC: MINERAL (DIELECTRIC)

Qty Released: 4000 GALLON(S) Qty in Water: 300 GALLON(S)

DESCRIPTION OF INCIDENT

THE CALLER IS REPORTING A DISCHARGE OF DIELECTRIC MINERAL OIL (NON-PCB) FROM AN UNDERGROUND CABLE LINE (8-12" PIPE SURROUNDING THE CABLE). CALLER STATED THAT A WATER MAIN BREAK CAUSED DAMAGE TO THE CABLE (PRESSURE FROM THE WATER). THE CALLER STATED THAT THE MINERAL OIL MIXED WITH THE WATER HAS SPILLED ONTO THE STREET, A STORM DRAIN, AND INTO THE ELIZABETH RIVER.

INCIDENT DETAILS

Pipeline Type: OTHER

DOT Regulated: UNKNOWN

Pipeline Above/Below Ground: BELOW

Exposed or Under Water: NO
Pipeline Covered: UNKNOWN

---SHEEN INFORMATION---

Sheen Color: RAINBOW
Sheen Odor Description:
Sheen Travel Direction:
Sheen Size Length: 40 FEET
Sheen Size Width: 25 FEET

---WATER INFORMATION---

Body of Water: STORM DRAIN
Tributary of: ELIZABETH RIVER
Nearest River Mile Marker:
Water Supply Contaminated: UNKNOWN

IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN
INJURIES: NO Hospitalized: Empl/Crew: Passenger:
FATALITIES: NO Empl/Crew: Passenger: Occupant:
EVACUATIONS: NO Who Evacuated: Radius/Area:

Damages: NO

<u>Closure Type</u>	<u>Description of Closure</u>	<u>Hours Closed</u>	<u>Direction of Closure</u>
Air:	N		
Road:	Y PAINE AVE. (2 BLOCKS)		Major Artery: N
Waterway:	N		
Track:	N		
Passengers Transferred: NO			
Environmental Impact: UNKNOWN			
Media Interest: UNKNOWN Community Impact due to Material:			

REMEDIAL ACTIONS

DEP AND LOCAL PD ARE ON SCENE. CLEAN UP UNDERWAY, CONTRACTOR HAS BEEN HIRED.

Release Secured: NO
Release Rate:
Estimated Release Duration:

WEATHER

Weather: SUNNY, 45i₄¹/₂F Wind speed: 5 MPH

ADDITIONAL AGENCIES NOTIFIED

Federal:
State/Local: DEP/PD
State/Local On Scene: DEP/PD
State Agency Number: 160406125729

NOTIFICATIONS BY NRC

ATLANTIC STRIKE TEAM (MAIN OFFICE)
06-APR-16 14:30 (609)7240008 MR. VOLZ
CENTERS FOR DISEASE CONTROL (GRASP)
06-APR-16 14:14 (770)4887100
DHS NOC (NOC)
06-APR-16 14:14 (202)2828114
DHS PROTECTIVE SECURITY ADVISOR (PSA DESK)
06-APR-16 14:14 (703)2355724
DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
06-APR-16 14:14 (202)3661863
U.S. EPA II (MAIN OFFICE)
06-APR-16 14:25 (732)3214370 MR. JIMENEZ
NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)
06-APR-16 14:14 (202)2829201
NJ OFC HMLND SECURITY & PREPAREDNES (COMMAND CENTER)
06-APR-16 14:14 (609)9636817
NJ STATE POLICE (MARINE SERVICES BUREAU)
06-APR-16 14:14 (609)9636900
NOAA RPTS FOR NJ (MAIN OFFICE)
06-APR-16 14:14 (206)5264911
NATIONAL RESPONSE CENTER HQ (AUTOMATIC REPORTS)
06-APR-16 14:14 (202)2671136
NTSB PIPELINE (MAIN OFFICE)
06-APR-16 14:14 (202)3146293
PIPELINE & HAZMAT SAFETY ADMIN (OFFICE OF PIPELINE SAFETY (AUTO))
06-APR-16 14:14 (202)3660568
REPORTING PARTY (RP SUBMITTER)
06-APR-16 14:14
SECTOR NEW YORK (COMMAND CENTER)

06-APR-16 14:26 (718)3544356 PO COBB-PHILLIPS
NJ DEP POC: DUTY OFFICER (MAIN OFFICE)
06-APR-16 14:14 (609)5844551
USCG DISTRICT 1 (COMMAND CENTER)
06-APR-16 14:14 (617)2238555
USCG DISTRICT 5 (D5 DRAT)
06-APR-16 14:14 (757)3986231

ADDITIONAL INFORMATION

*** END INCIDENT REPORT # 1144618 ***
Report any problems by calling 1-800-424-8802
PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>